

**Monoclonal Anti-Junin Virus, Clone SA02-BG12 (produced *in vitro*)**

**Catalog No. NR-49274**

This reagent is the property of the U.S. Government.

**Product Description:** Antibody Class: IgG1k

Mouse monoclonal antibody reactive with the nucleoprotein of Junin virus<sup>1</sup> was affinity purified from hybridoma supernatant using protein G affinity chromatography.

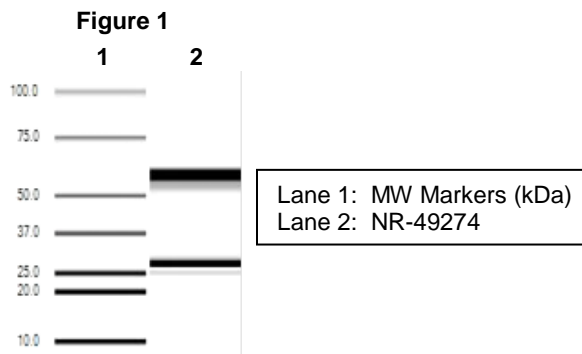
**Lot: 63693523**

**Manufacturing Date: 14APR2015**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1k	IgG1k
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 96.2% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	Report results	1.4 mg per mL
Functional Activity Indirect Fluorescent Antibody Test Indirect ELISA <sup>2</sup>	Report results Report results	Reactive at dilutions up to 1:12800 Weakly reactive
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

<sup>1</sup>Sanchez, A., et al. "Junin Virus Monoclonal Antibodies: Characterization and Cross-Reactivity with Other Arenaviruses." *J. Gen. Virol.* 70 (1989): 1125-1132. PubMed: 2471803.

<sup>2</sup>Plates were coated with a 1:2000 dilution of detergent-lysed Junin virus-infected cells.



**Date:** 06 OCT 2015

**Signature:** *Michael R. Gynther*

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